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DAMPING WATER FOR PRINTING

Bibliographic data

[Inventor\(s\)](#) [Applicant\(s\)](#) [Classification](#) [Original document](#) [INPADOC LEGAL status](#)

Patent number: JP62007596 (A) **Also published as:**

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Inventor(s): OSAWA SADA0; SERA HIDEFUMI; SUZUKI HIROAKI; TANAKA MASAYASU; IWAI MASA0KI + [JP1716243 \(C\)](#)

Applicant(s): FUJI PHOTO FILM CO LTD; TOMOEGAWA PAPER CO LTD +

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- **european:** B41N3/08

Application number: JP19850145698 19850704

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Abstract of JP 62007596 (A)

Translate this text

PURPOSE:To enable damping water to be stably used for printing, by adding specified quantities of a hexacyanoferrate (II) and a phytic acid salt to damping water. CONSTITUTION:The damping water comprises at least a hexacyanoferrate (II) in an amount of 0.1-20g/l and a phytic acid salt in an amount of 0.01-10g/l. A pH adjustor, a buffering agent, a wetting agent, a rust preventive or the like may be added to the damping water. The hexacyanoferrate (II) is represented by the general formula M4[Fe(CN)6], wherein M is Li, Na, K, NH4, Rb, Cs or the like. The phytic acid salt may be an alkali metal salt, ammonium salt, an amine salt or the like of phytic acid. As the pH adjustor or buffering agent, at least one inorganic or organic acid or salt thereof is used either singly or in combination.; A main reaction for providing hydro philicity is performed by the hesacyanoferrate (II), while the small amount of the phytic acid salt causes a reaction for moderate suppression of ink built-up, thereby making the entire surface of a master less susceptible to con tamination.

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